

POWER OF ATTORNEY

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from _____ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **Robert J. PATCH, Reg. No. 17,355, Andrew J. PATCH, Reg. No. 32,925, Robert F. HARGEST, Reg. No. 25,590, Benoît CASTEL, Reg. No. 35,041, Eric JENSEN, Reg. No. 37,855, and Thomas W. PERKINS, Reg. No. 33,027, c/o YOUNG & THOMPSON, Second Floor, 745 South 23rd Street, Arlington, Virginia 22202.**

Address all telephone calls to Young & Thompson at 703/521-2297.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Hiroaki TANAKA
(given name, family name)

Inventor's signature Hiroaki Tanaka Date May 15, 2001

Residence: Tokyo, Japan

Citizenship: Japanese

Post Office Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku,
Tokyo, Japan

Full name of second joint inventor, if any: Michiaki SAKAMOTO
(given name, family name)

Inventor's signature Michiaki Sakamoto  Date May 15, 2001

Residence: Tokyo, Japan

Citizenship: Japanese

Post Office Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku,
Tokyo, Japan

Full name of third joint inventor, if any: Takahiko WATANABE
(given name, family name)


Inventor's signature Takahiko Watanabe Date May 15, 2001

Residence: Tokyo, Japan

Citizenship:

Post Office Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku,
Tokyo, Japan

Full name of fourth joint inventor, if any: Yoshiaki HASHIMOTO
(given name, family name)


Inventor's signature Yoshiaki Hashimoto  Date May 15, 2001

Residence: Tokyo, Japan

Citizenship: Japanese

Post Office Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku,
Tokyo, Japan

Full name of fifth joint inventor, if any: Syuusaku KIDO
(given name, family name)

Inventor's signature Syuusaku Kido  Date May 15, 2001

Residence: Kagoshima, Japan

Citizenship: Japanese

Post Office Address: c/o NEC Kagoshima, Ltd., 2080, Ohnoharamachi,
Izumi-shi, Kagoshima, Japan

Full name of sixth joint inventor, if any:
(given name, family name)

Inventor's signature _____ Date _____

Residence:

Citizenship:

Post Office Address:

Full name of seventh joint inventor, if any:
(given name, family name)

Inventor's signature _____ Date _____

Residence:

Citizenship:

Post Office Address:

Full name of eighth joint inventor, if any:
(given name, family name)

Inventor's signature _____ Date _____

Residence:

Citizenship:

Post Office Address: